

What is claimed is:

1. A video imaging system, the system comprising:
a master video camera for producing video images of a moving object
of interest;

5 a plurality of additional video cameras each positioned at a different
location for producing additional video images of the object of interest from
different spatial perspectives; and

a control system for controlling said additional video cameras in
response to the master video camera to follow movement of the object of interest.

10 2. The video imaging system of claim 1, further comprising:
a monitoring unit for transmitting signals representative of an
operating status of the master camera to the control system; and

a plurality of positioning units for positioning the additional cameras
in response to control signals from the control system.

15 3. The video imaging system of claim 1, further comprising:
a recording system for recording the video images produced by the
master camera and the additional cameras; and

a user interface for selecting particular ones of the video images for
display.

20 4. The video imaging system of claim 3, wherein the user
interface permits the sequential selection of individual frames in the video images.

5. The video imaging system of claim 1, wherein the control
system comprises:

25 a pan control, a tilt control, a focus control and a frame control for
each of the additional video cameras; and

a computer processor for coordinating operation of the pan control, the
tilt control, the focus control and the frame control for each additional video camera
in response position and focus parameters of the master video camera.

6. The video imaging system of claim 1, further comprising:

30 a plurality of microphones positioned at the locations of predetermined
ones of the additional cameras; and

the microphones being coupled to the computer to supply signals representative of audio signals received by the microphones.

7. A method of generating a video image, said method comprising the steps of:

- 5 producing a master video image of a moving object of interest;
 producing additional video images of the object of interest from different spatial perspectives; and
 controlling characteristics of said additional video images in response to the master video image to track the object of interest.

- 10 8. The method of claim 7, further comprising the steps of:
 storing the master video images and the additional video images; and
 selecting particular ones of the video images for display.

9. The method of claim 7, wherein the step of selecting particular ones of the video images for display comprises the step of:
15 sequentially selecting individual frames in the video images.

10. The method of claim 7, further comprising the steps of:
 producing signals representative of audio signals received at selected ones of the different spatial perspectives.

11. A method of generating a television image, said method
20 comprising the steps of:

- producing a plurality of video images of an object of interest from a plurality of spatial perspectives;
 displaying one of said video images for a period of time;
 selecting a frame in the displayed video image; and
25 switching the displayed video image among a plurality of corresponding frames of said plurality of video images to display the object of interest from multiple spatial perspectives.

12. The method of claim 11, further comprising the steps of:
 displaying another one of the plurality of video images.

- 30 13. A method of generating a television image, said method comprising the steps of:

displaying one of said video images for a period of time; and

5 images to display the object of interest from multiple spatial perspectives.